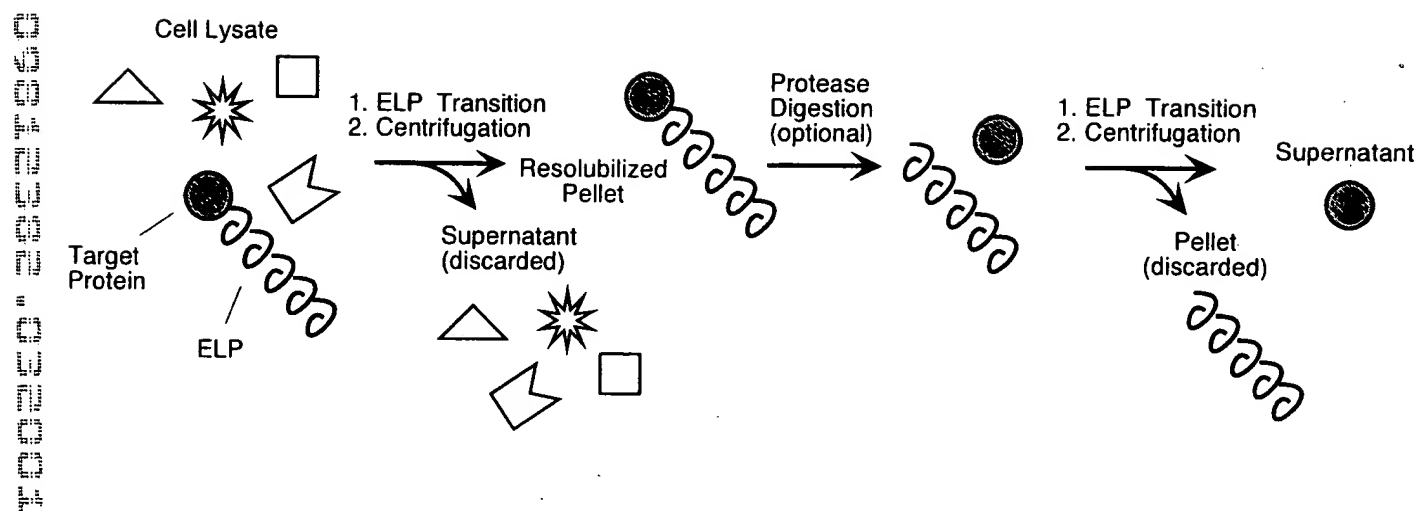


FIGURE 1



	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)
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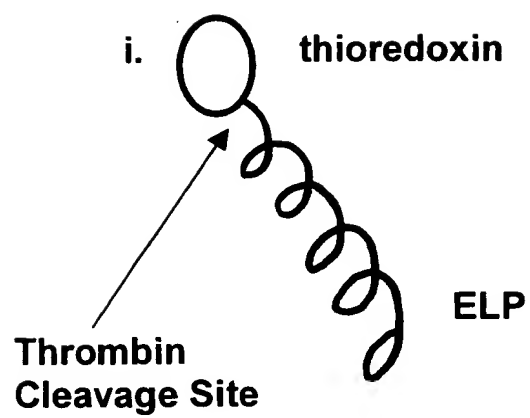


FIGURE 3

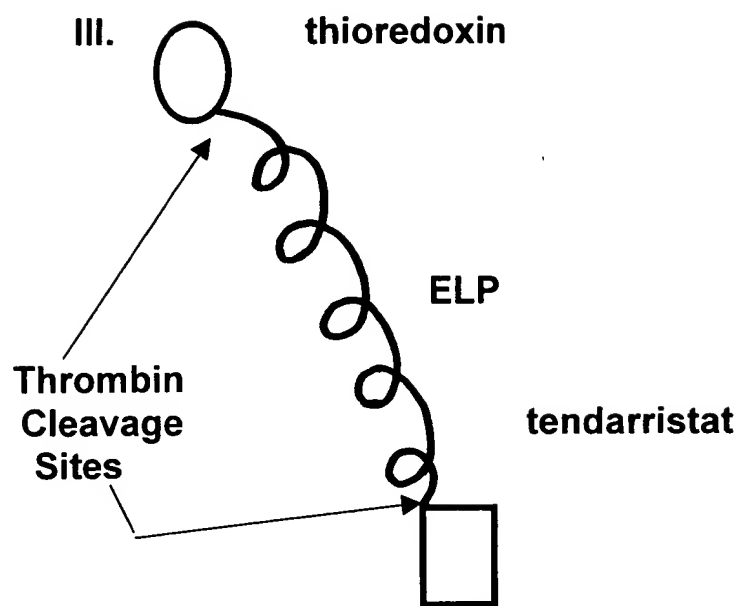


FIGURE 4

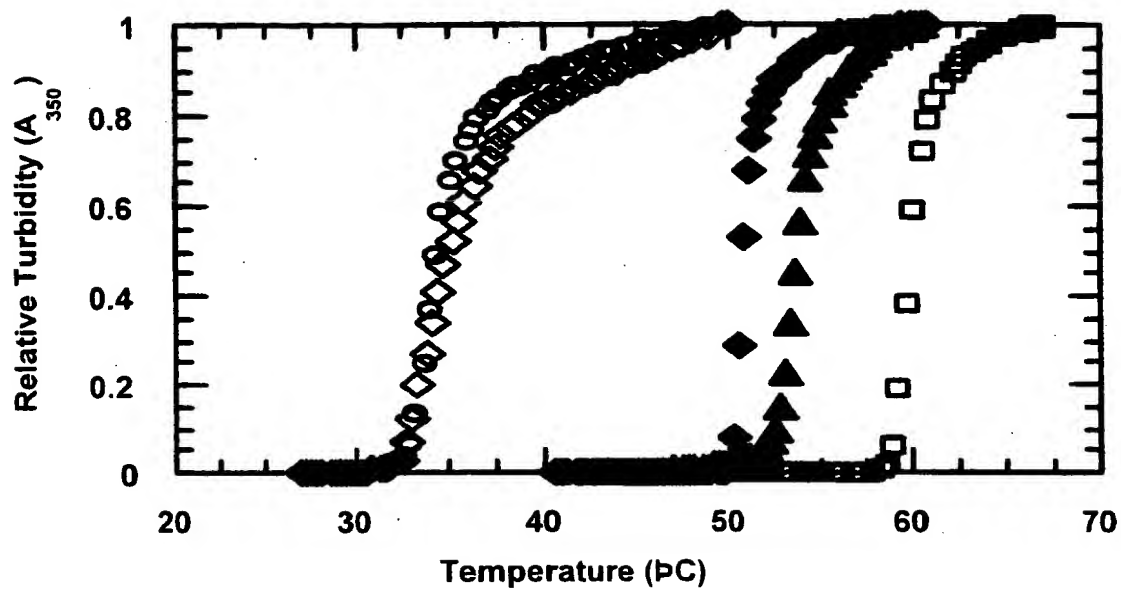


FIGURE 5

Y = M0 + M1*x + ... M8*x ⁸ + M9*x ⁹	
M0	116.21
M1	-1.7499
M2	0.010349
R	0.99793

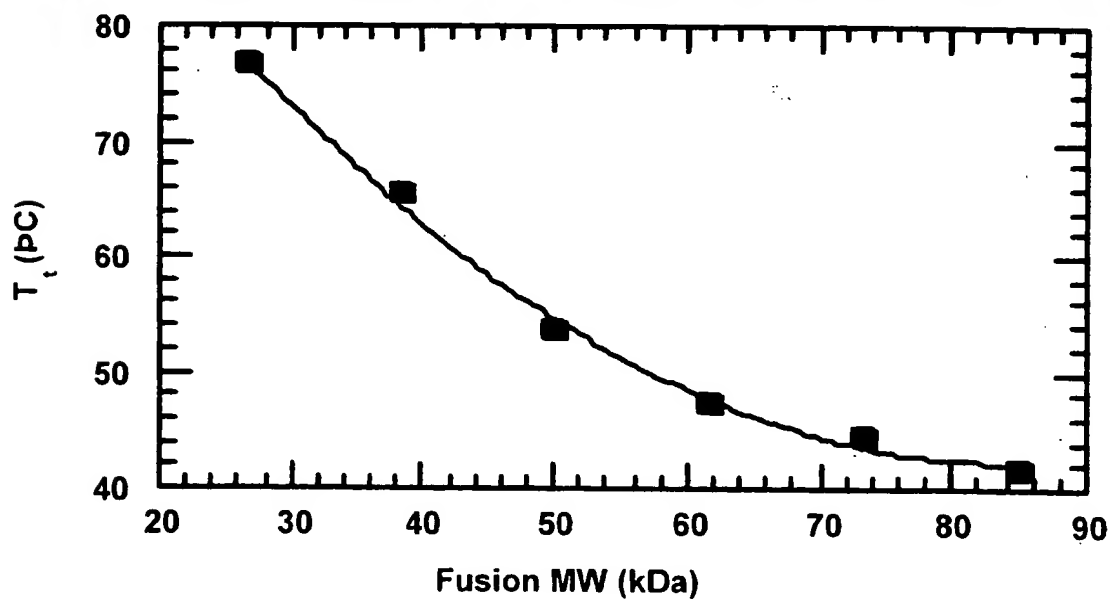


FIGURE 6

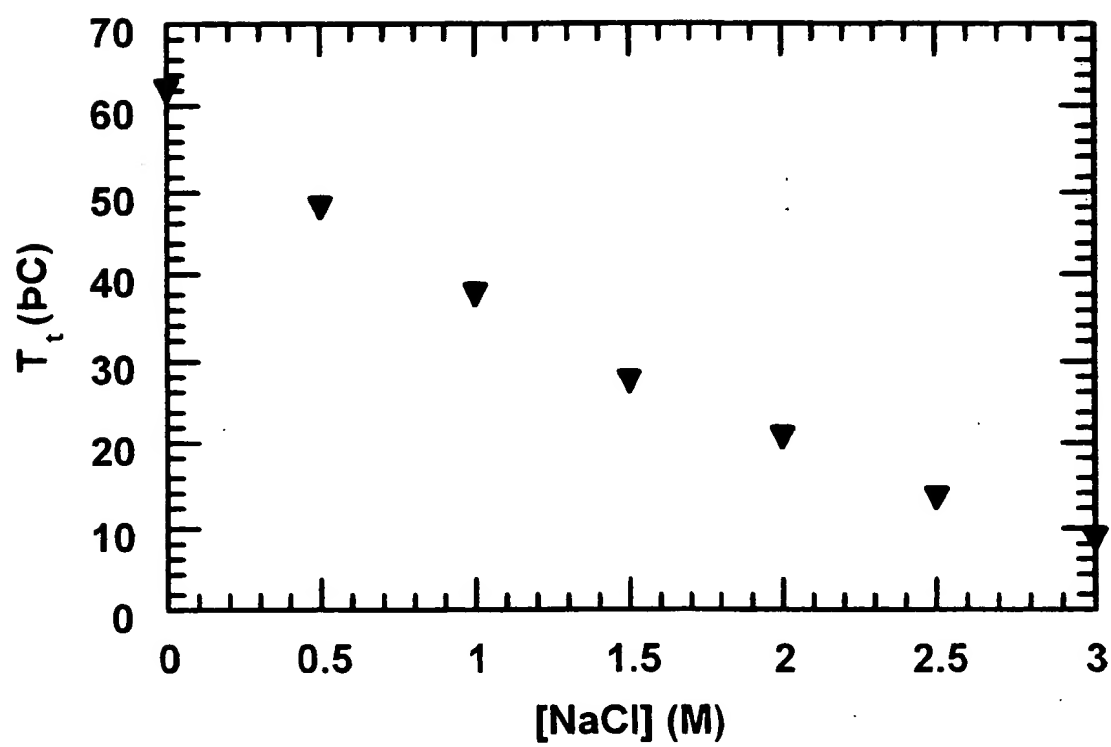


FIGURE 7

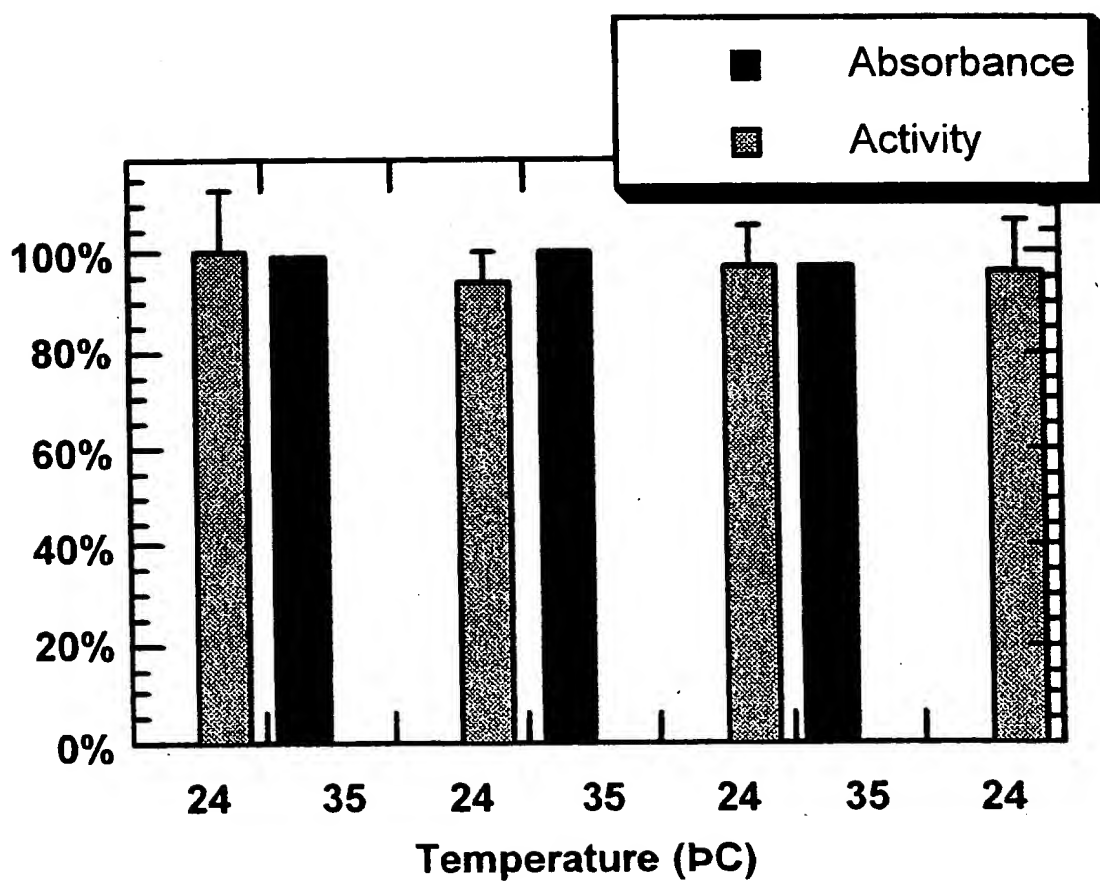


FIGURE 8

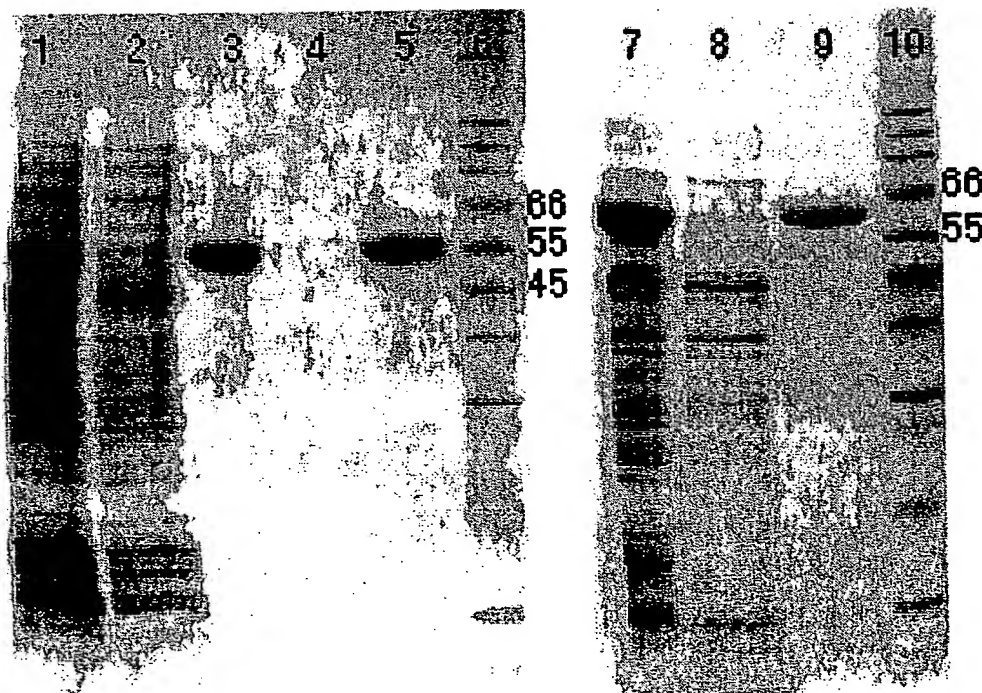


FIGURE 9

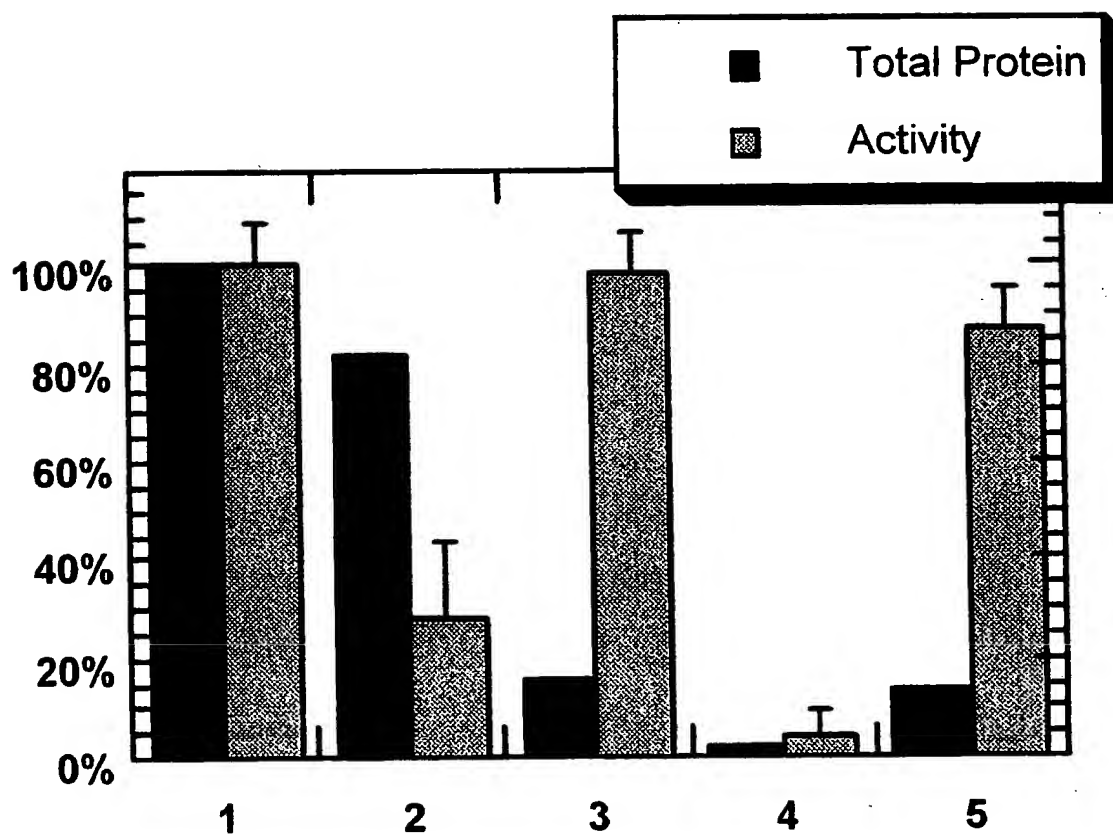


FIGURE 10

ELP gene (10-mer base sequence)

Thioredoxin-In-ELP fusion

- C CAT ATG CAC CAT CAT CAT CAT TCT TCT GGT CTG GTG CCA CGC GGT TCT GGT AAA
H M H H H H H S S G L V P R | G S G K
thioredoxin gene |_{Hsc I} thrombin cleavage site

GGG CCG GGC TGG CCG TGA TAA C
G P G W P ter ter
|_{Sfi I} |_{Ava I}

FIGURE 11

FIGURE 12

Thioredoxin-ELP-tendamistat fusion

- I. thioredoxin gene - TCT GGT CCA CGC GGT TCT GGT CCA GGC GGG CCA TC - tendamistat gene

L V P R | G S G P G P S

thrombin cleavage site

Met I Met I Met I
- II. thioredoxin gene - G CCA GGC GGG CCA TCT TCT GGT CTG GTG CCA CGC GGT TCT TC - tendamistat gene

P G G P S S G L V P R | G S S

thrombin cleavage site

Met I Met I Met I

FIGURE 13

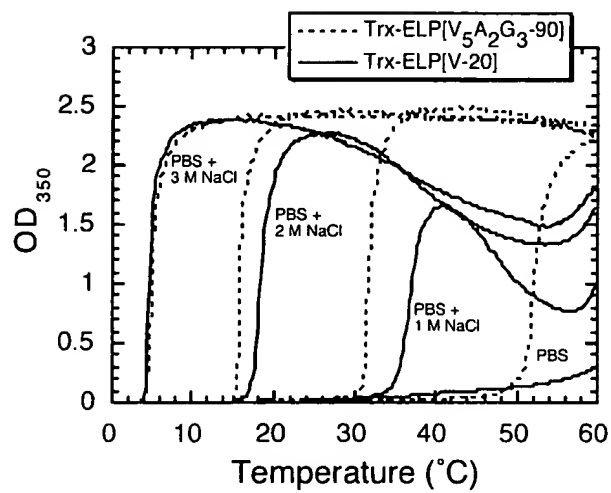


FIGURE 14

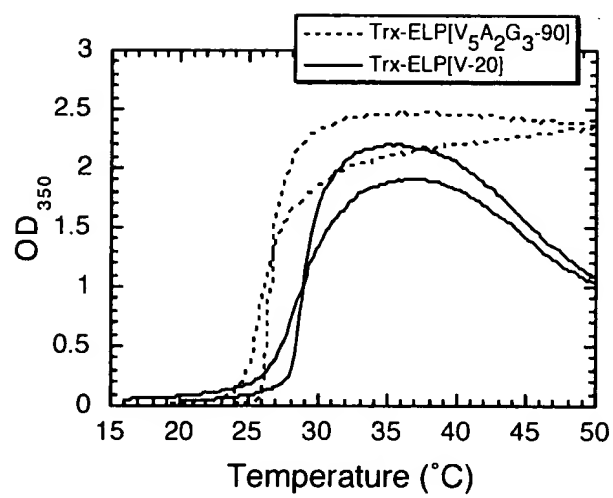


FIGURE 15

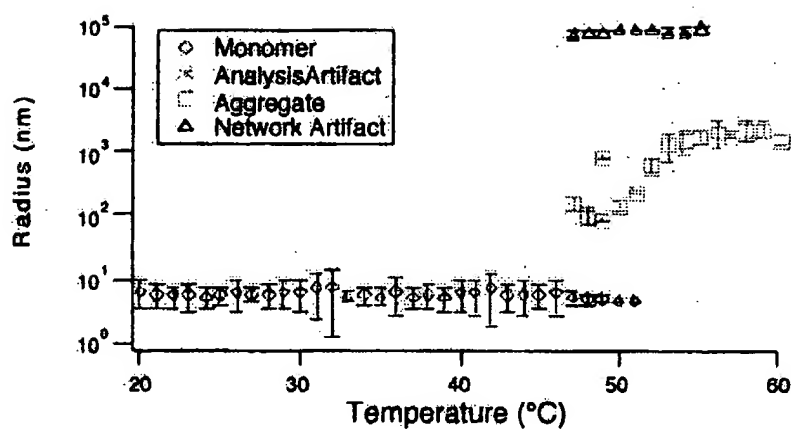


FIGURE 16

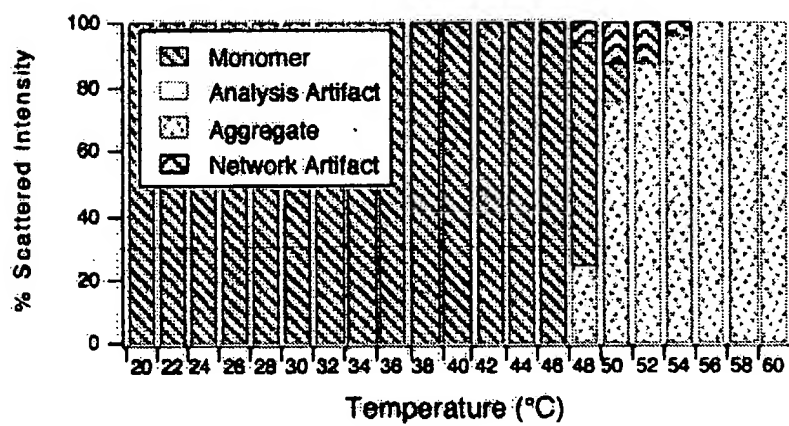


FIGURE 17

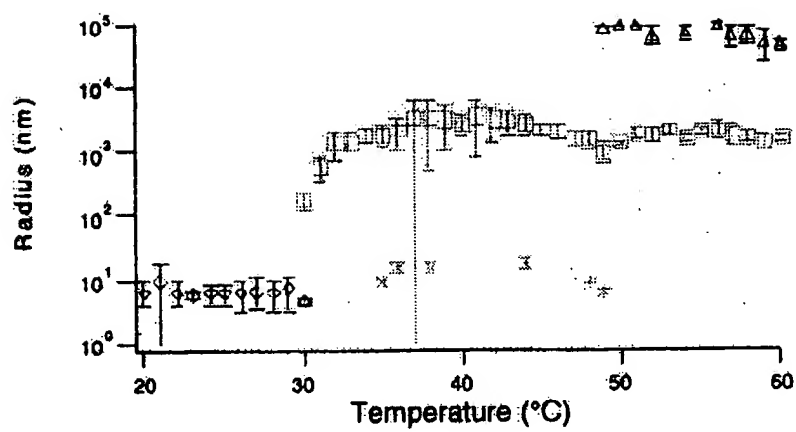


FIGURE 18

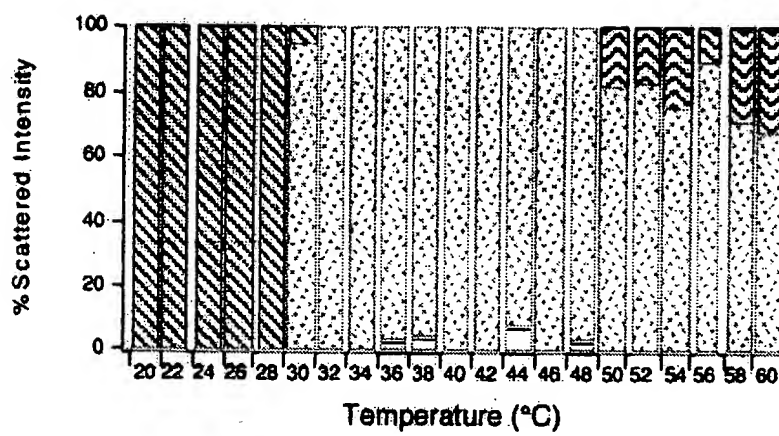


FIGURE 19

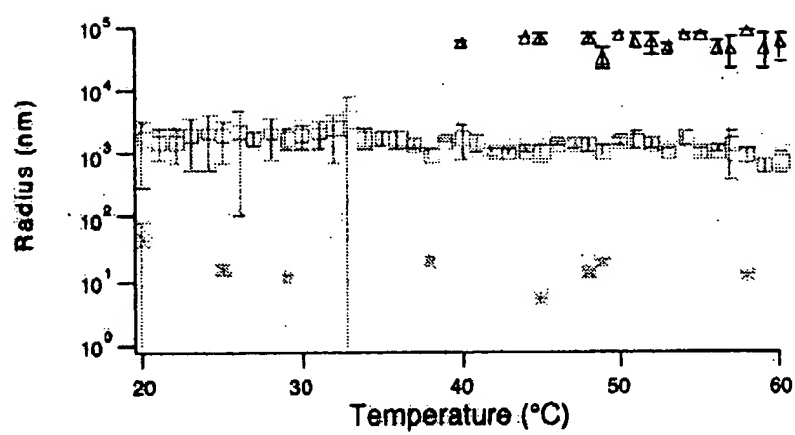


FIGURE 20

FIGURE 20

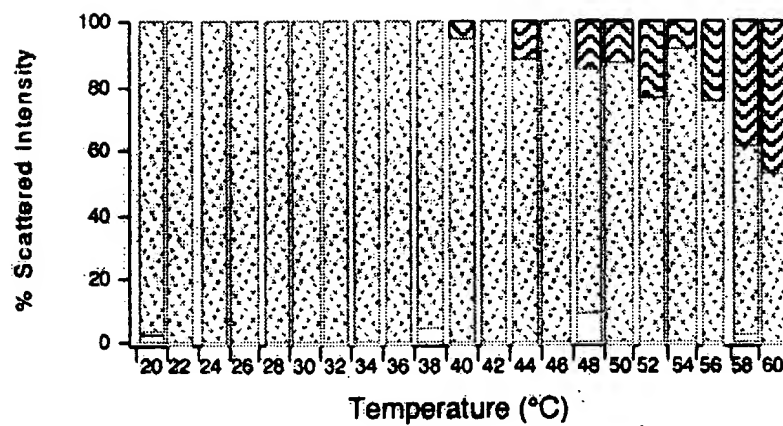


FIGURE 21

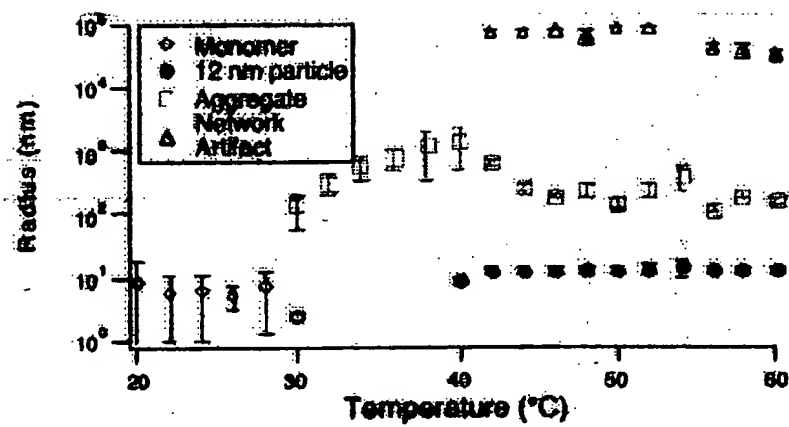


FIGURE 22

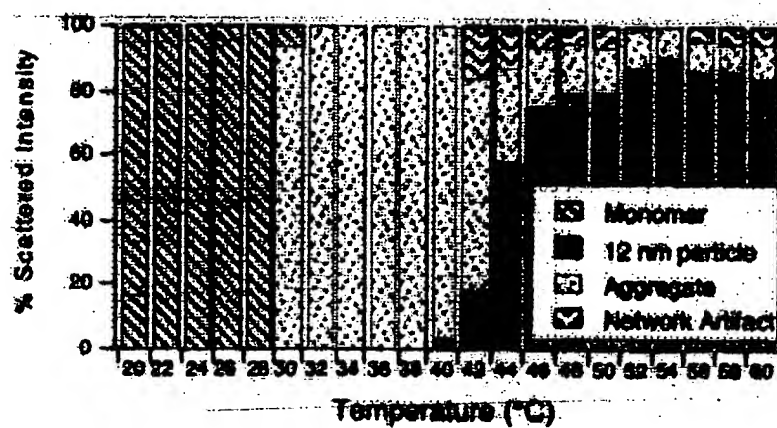


FIGURE 23

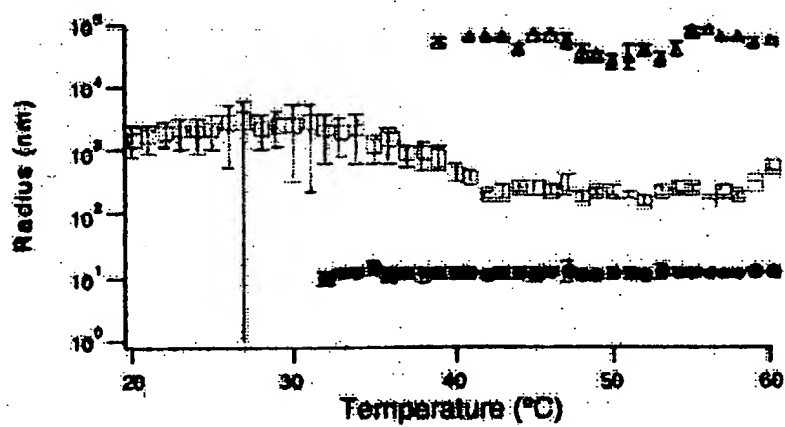


FIGURE 24

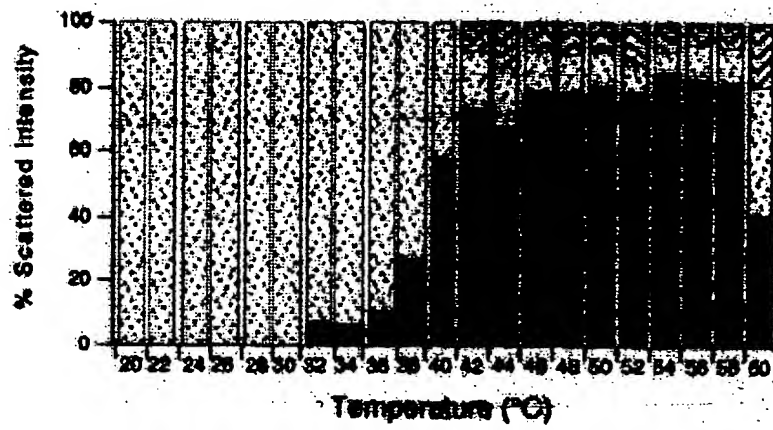


FIGURE 25

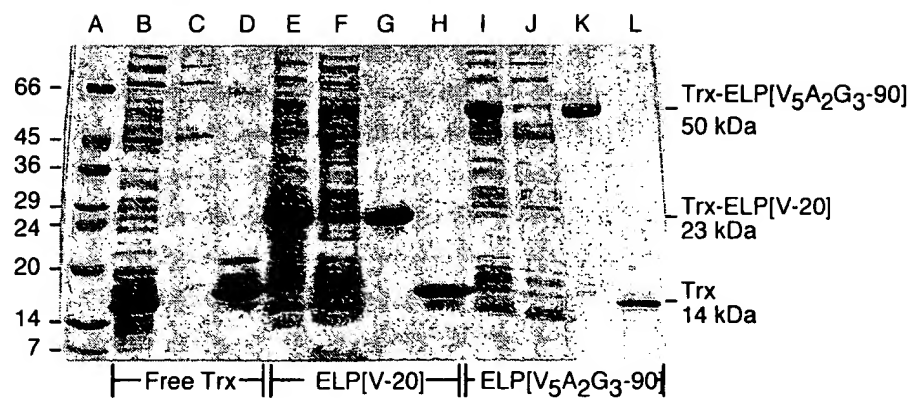


FIGURE 26

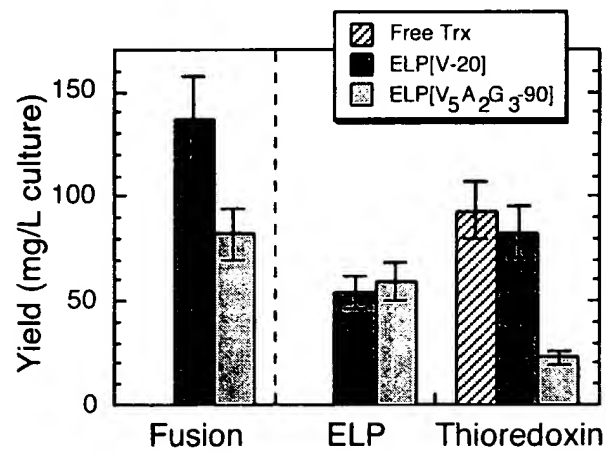


FIGURE 27

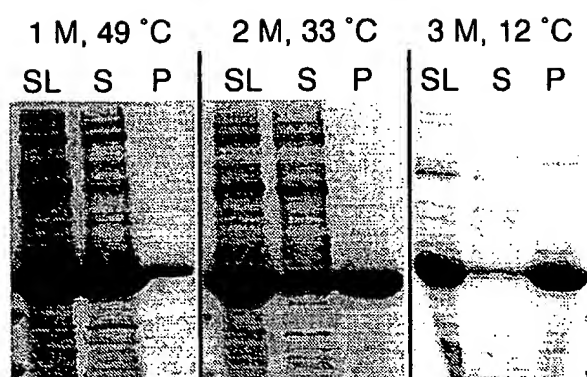
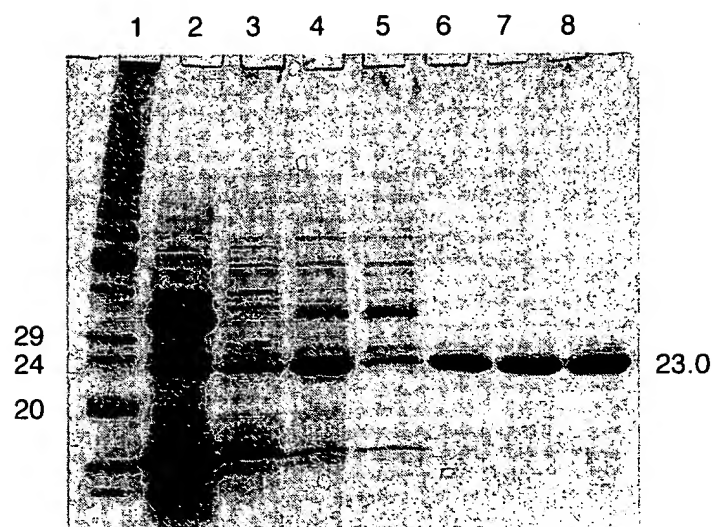


FIGURE 28



TOP SECRET 2025

FIGURE 29

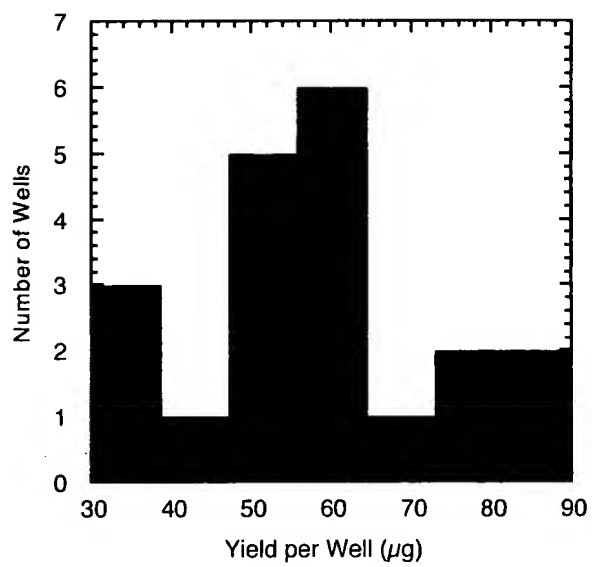


FIGURE 30

